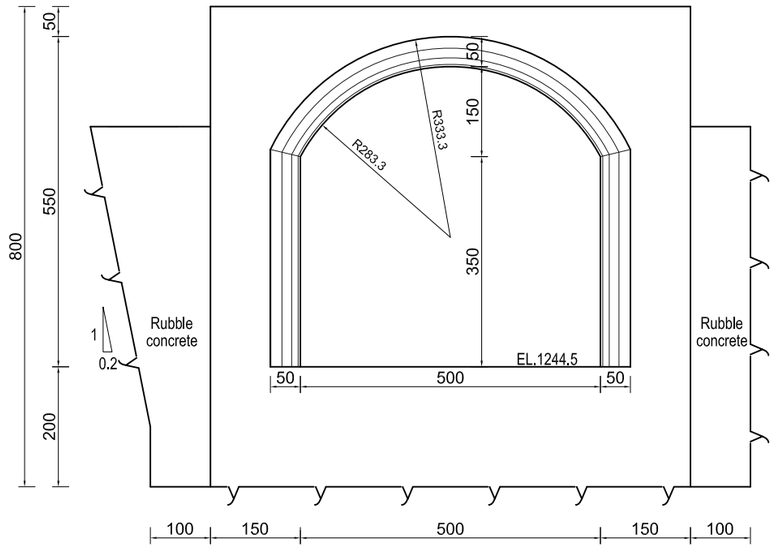
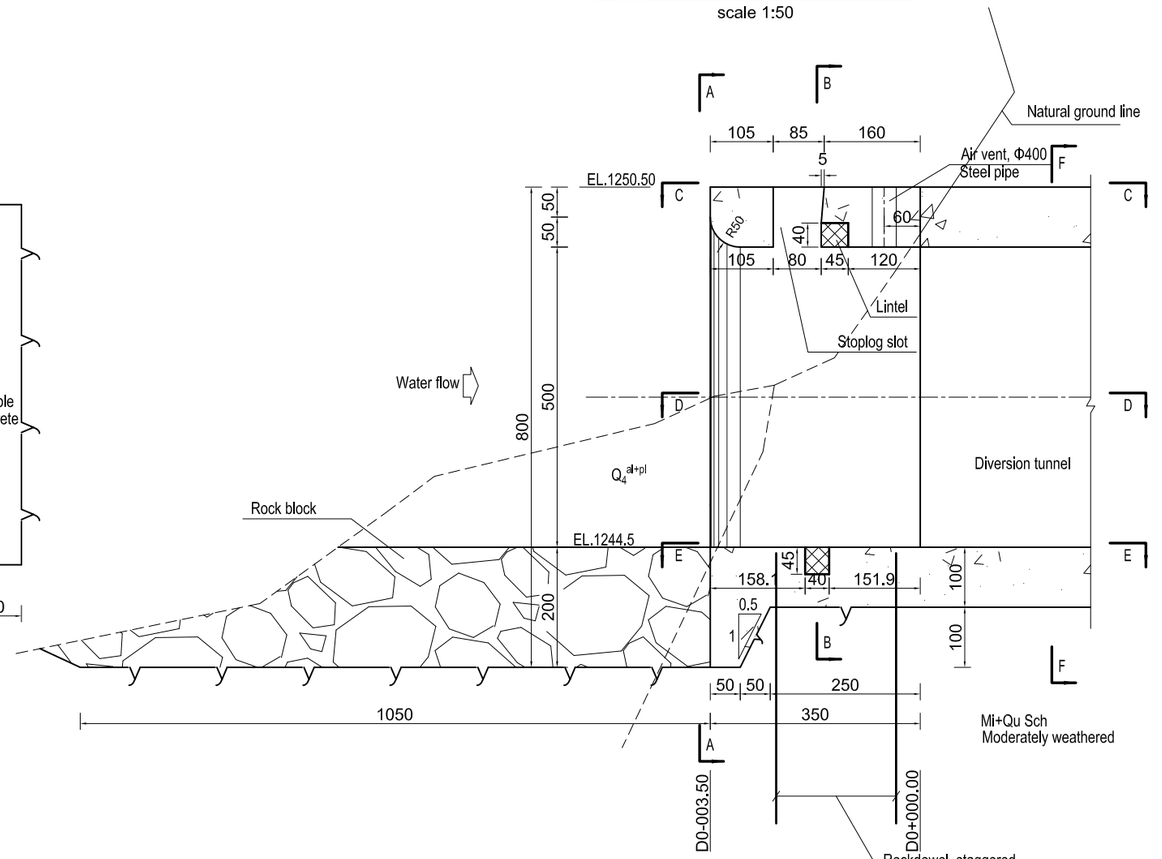
SECTION A-A

scale 1:50



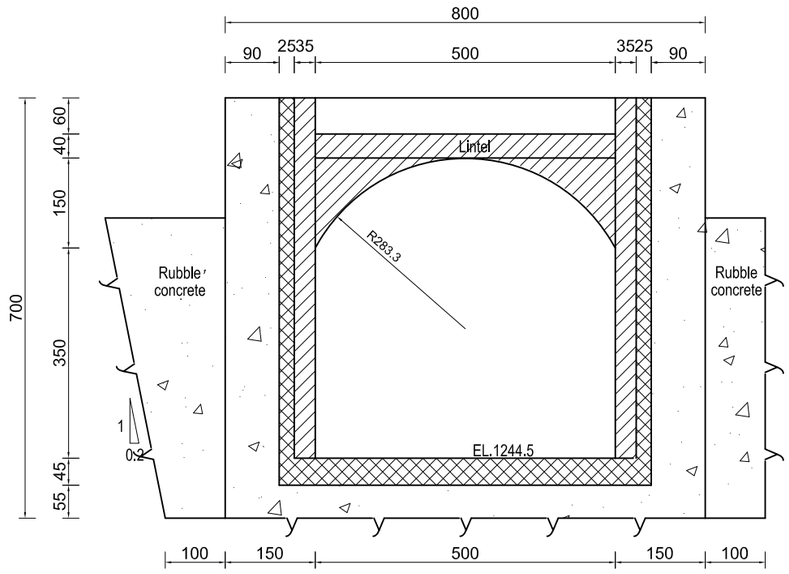
LONGITUDINAL SECTION

scale 1:50



SECTION B-B

scale 1:50



SCALE:

1:50 0 0.5 1 1.5 2 2.5m

1:100 0 1 2 3 4 5m

LEGEND :

PRIMARY CONCRETE SURFACE VIEW

SECONDARY CONCRETE SURFACE VIEW

PRIMARY CONCRETE SECTIONAL VIEW

SECONDARY CONCRETE SECTIONAL VIEW

NOTE

1. This set of drawings are the outline of diversion tunnel intake tower.
2. All dimensions are in centimeters, and coordinates, chainages & elevations are in meters.
3. Symbol description:
   D denotes deformed bar, yield strength of the deformed bar is 500MPa;
4. Strength specification of shotcrete:
   Cylinder specified compressive strength 21MPa at 28 days.
5. The primary concrete grade is class E: cylinder specified compressive strength is 24MPa at 28days. The secondary concrete grade is class F: cylinder specified compressive strength is 35MPa at 28days.

REFERENCE DRAWINGS

UT1-C-010-CVL-DG-42001	ARRANGEMENT DRAWING OF DIVERSION TUNNEL

SYMBOL AND LEGEND

FOR APPROVAL

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REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPD.
A	10.FEB,2022	FOR APPROVAL	SHAO H.J.	HAN Y.H.	WANG C.G. LUO L.

PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC

OWNER'S ENGINEER

TRACTEBEL ENGIE jade CONSULT

CONTRACTOR

DOOSAN Doosan Heavy Industries & Construction

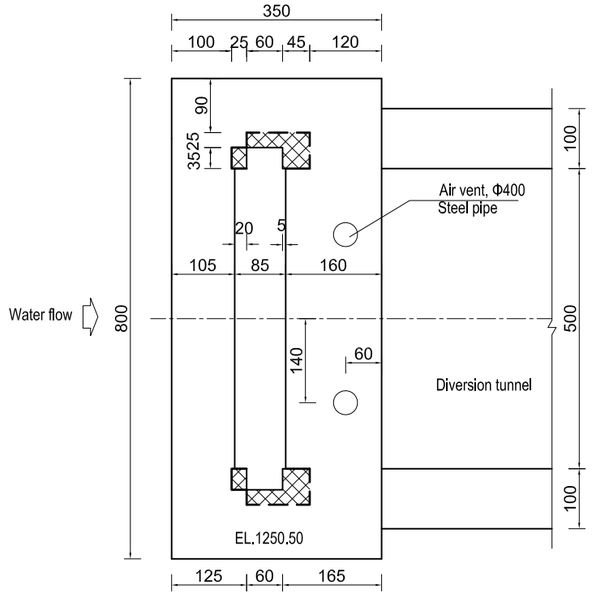
DRAWING TITLE

OUTLINE OF DIVERSION TUNNEL INTAKE TOWER

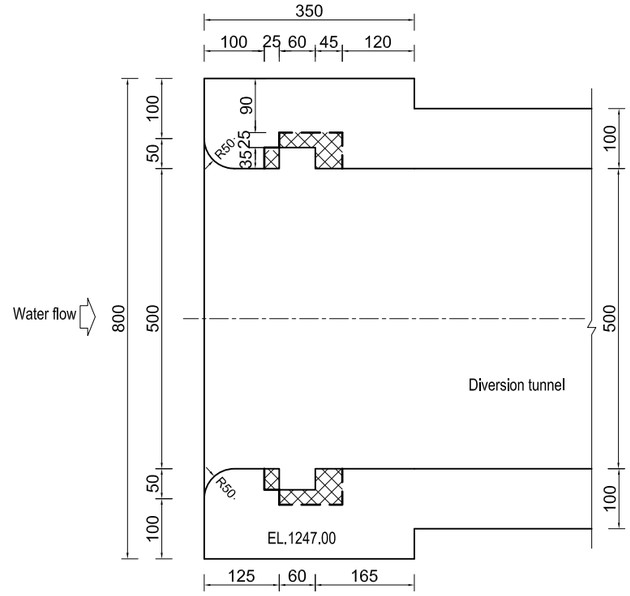
INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
A	UT1-C-010-CVL-DG-42008-1	1 OF 3	A

A1 (594 x 841 MM)

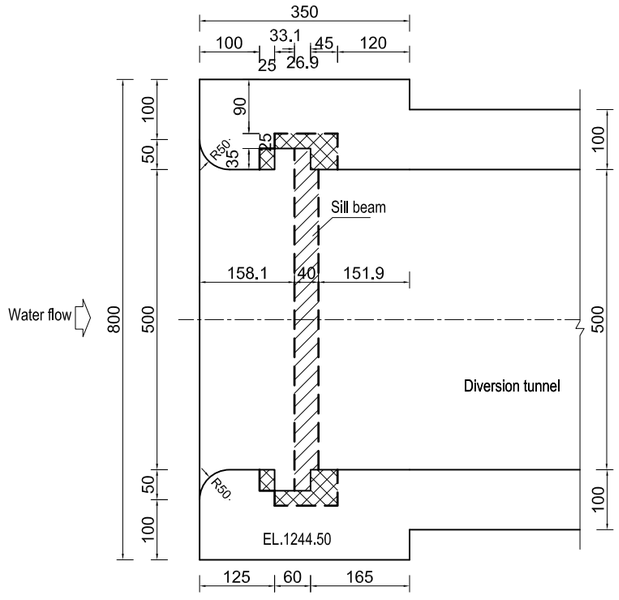
SECTION C-C
scale 1:50



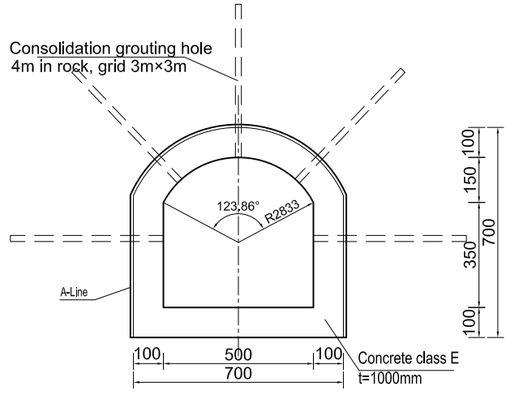
SECTION D-D
scale 1:50



SECTION E-E
scale 1:50



SECTION F-F
scale 1:100



SCALE:
1:50
0 0.5 1 1.5 2 2.5m

NOTE

1. This set of drawings are the outline of diversion tunnel intake tower.
2. All dimensions are in centimeters, and coordinates, chainages & elevations are in meters.
3. Symbol description:
   D denotes deformed bar, yield strength of the deformed bar is 500MPa;
4. Strength specification of shotcrete:
   Cylinder specified compressive strength 21MPa at 28 days.
5. The primary concrete grade is class E: cylinder specified compressive strength is 24MPa at 28days. The secondary concrete grade is class F: cylinder specified compressive strength is 35MPa at 28days.

REFERENCE DRAWINGS

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SYMBOL AND LEGEND

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A	10.FEB,2022	FOR APPROVAL	SHAO H.J.	HAN Y.H.	WANG C.G. LUO L.

PROJECT TITLE
Upper Trishuli-1 HEP (216MW)

OWNER
NWEDC

OWNER'S ENGINEER
TRACTEBEL ENGIE
jade CONSULT

CONTRACTOR
DOOSAN Doosan Heavy Industries & Construction

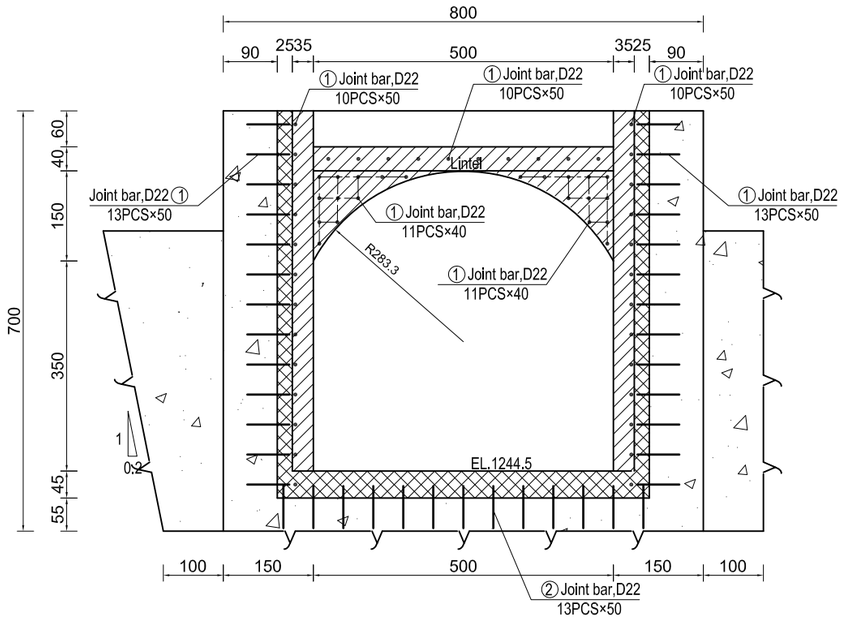
DRAWING TITLE
OUTLINE OF DIVERSION TUNNEL INTAKE TOWER

INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
A	UT1-C-010-CVL-DG-42008-2	2 OF 3	A

A1 (594 x 841 MM)

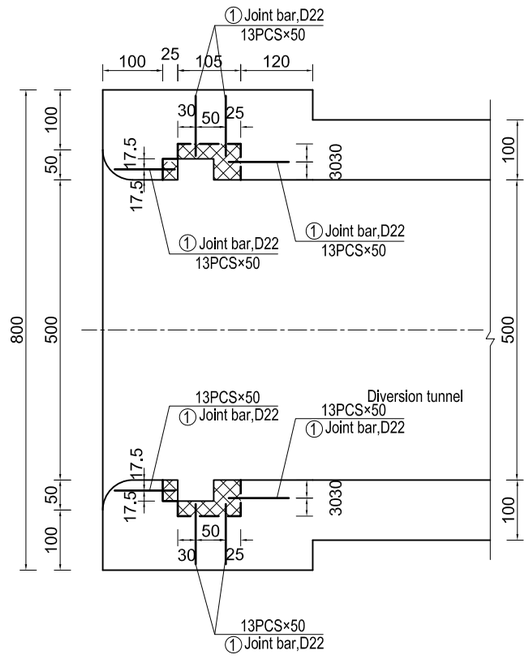
JOINT BAR OF SECTION B-B

scale 1:50



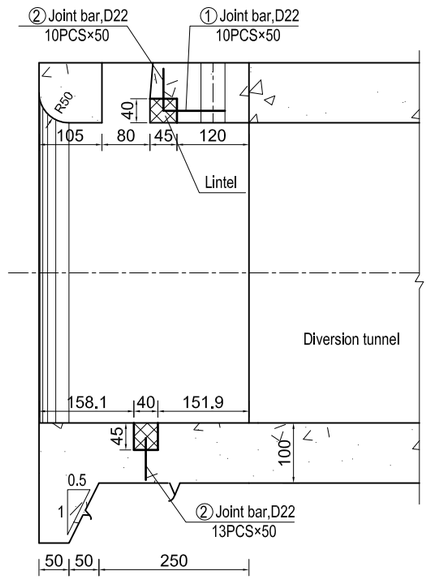
JOINT BAR OF SECTION D-D

scale 1:50



JOINT BAR OF LINTEL AND SILL BEAM

scale 1:50



SCALE:

1:50 0 0.5 1 1.5 2 2.5m

SECONDARY CONCRETE JOINT BAR

	NO.	Diameter (mm)	Type (cm)	Each Length (cm)	PCS	Total Length (m)	Remark
Joint bar	①	D22	80 (Primary concrete) 20 (Second concrete)	100	136	136	SPACING AS SPECFIED
	②	D22	50 (Primary concrete) 20 (Second concrete)	70	23	16.1	SPACING AS SPECFIED

NOTE

1.This drawing is layout of secondary concrete joint bar of diversion tunnel intake tower.
2.All dimensions are in centimeters, and coordinates, chainages & elevations are in meters.
3.Symbol description:
D denotes deformed bar, yield strength of the deformed bar is 500MPa;
4.A small deviation for the arrangement of joint bars is allowed in order to avoid mutual interference.
5.Before casting of secondary concrete, surface of primary concrete must be roughed.

REFERENCE DRAWINGS

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SYMBOL AND LEGEND

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PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER

NWEDC

OWNER'S ENGINEER

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CONTRACTOR

DOOSAN Doosan Heavy Industries & Construction

DRAWING TITLE

OUTLINE OF DIVERSION TUNNEL INTAKE TOWER

INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
A	UT1-C-010-CVL-DG-42008-3	3 OF 3	A

A1 (594 x 841 MM)